

Contents of *Agricultural Water Management*, Volume 64

VOLUME 64 ISSUE 1

1 JANUARY 2004

Vulnerability of groundwater resources from agricultural activities in southern Kuwait M. Al-Senafy and J. Abraham (Safat, Kuwait)	1
Examining traditional irrigation methods, irrigation scheduling and alternate furrows irrigation on vertisols in northern Ethiopia B. Mintesinot (Mekelle, Ethiopia), H. Verplancke, E. Van Ranst (Gent, Belgium) and H. Mitiku (Mekelle, Ethiopia)	17
Evaluation of a crop water stress index for detecting water stress in winter wheat in the North China Plain G. Yuan, Y. Luo, X. Sun and D. Tang (Beijing, PR China)	29
Deficiency of water can enhance root respiration rate of drought-sensitive but not drought-tolerant spring wheat H.-S. Liu, F.-M. Li and H. Xu (Lanzhou, PR China)	41
Effect of cultural practices on soil properties, moisture conservation and grain yield of winter sorghum (<i>Sorghum bicolor</i> L. Moench) in semi-arid tropics of India S.L. Patil (Bellary, India) and M.N. Sheelavantar (Dharwad, India)	49
Unsaturated flow of different quality irrigation waters through clay, clay loam and silt loam soils and its dependence on soil and solution parameters S.K. Chaudhari (Bhubaneswar, India) and R.B. Somawanshi (Rahuri, India)	69

VOLUME 64 ISSUE 2

15 JANUARY 2004

Assessment of evapotranspiration estimation models for use in semi-arid environments H. DehghaniSanij, T. Yamamoto (Tottori, Japan) and V. Rasiah (Mareeba, Australia)	91
Effect of soil water deficit on evapotranspiration, crop yield, and water use efficiency in the North China Plain Y. Zhang (Beijing, PR China and Shijiazhuang, PR China), E. Kendy (Ithaca, NY, USA), Y. Qiang, L. Changming (Beijing, PR China), S. Yanjun (Chiba, Japan) and S. Hongyong (Shijiazhuang, PR China)	107
Water balance and irrigation performance analysis: La Violada irrigation district (Spain) as a case study D. Isidoro, D. Quílez and R. Aragüés (Zaragoza, Spain)	123
A comparison between low-cost drip irrigation, conventional drip irrigation, and hand watering in Nepal S. von Westarp, S. Chieng and H. Schreier (Vancouver, Canada)	143
Dielectric coated water content reflectometer for improved monitoring of near surface soil moisture in heavily fertilized paddy field T. Miyamoto and A. Mariyama (Kumamoto, Japan)	161

Scheduling water application on drip irrigated sugarcane B. Wiedenfeld (Weslaco, TX, USA)	169
--	-----

VOLUME 64 ISSUE 3**1 FEBRUARY 2004**

Using remote sensing data for water depletion assessment at administrative and irrigation-system levels: case study of the Ferghana Province of Uzbekistan Y. Chemin (Pathum Thani, Thailand and Colombo, Sri Lanka), A. Platonov, M. Ul-Hassan and I. Abdullaev (Tashkent, Uzbekistan)	183
Integrated farming approach for runoff recycling systems in humid plateau areas of eastern India R.C. Srivastava, R.B. Singhandhupe and R.K. Mohanty (Bhubaneswar, India).	197
A computer model for design of microcatchment water harvesting systems for rain-fed vineyard A.R. Sepaskhah and H.R. Fooladmand (Shiraz, Iran).	213
Evapotranspiration and crop coefficients of irrigated garlic (<i>Allium sativum</i> L.) in a semi-arid climate F.J. Villalobos, L. Testi, R. Rizzalli and F. Orgaz (Córdoba, Spain)	233
A wind-based qualitative calibration of the Hargreaves ET_0 estimation equation in semiarid regions A. Martínez-Cob and M. Tejero-Juste (Zaragoza, Spain)	251
Contents of Agricultural Water Management, Volume 64	265

